

2027807-ESBETHOOT



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IC (Top View)

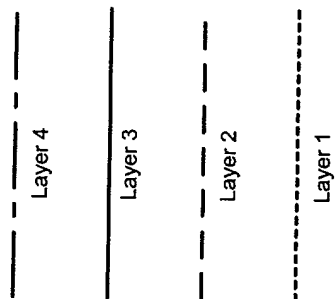
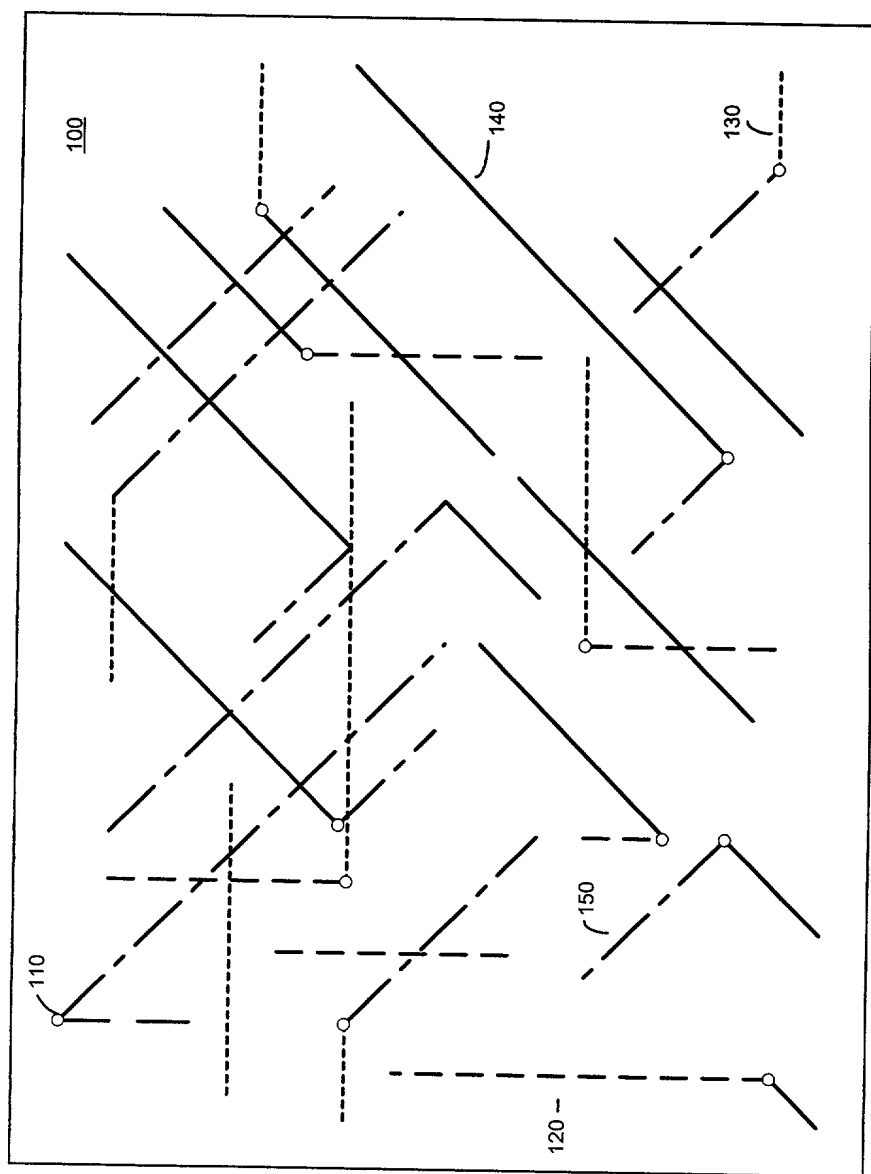
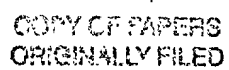


Figure 1a

[illegible]

IC (Top View)

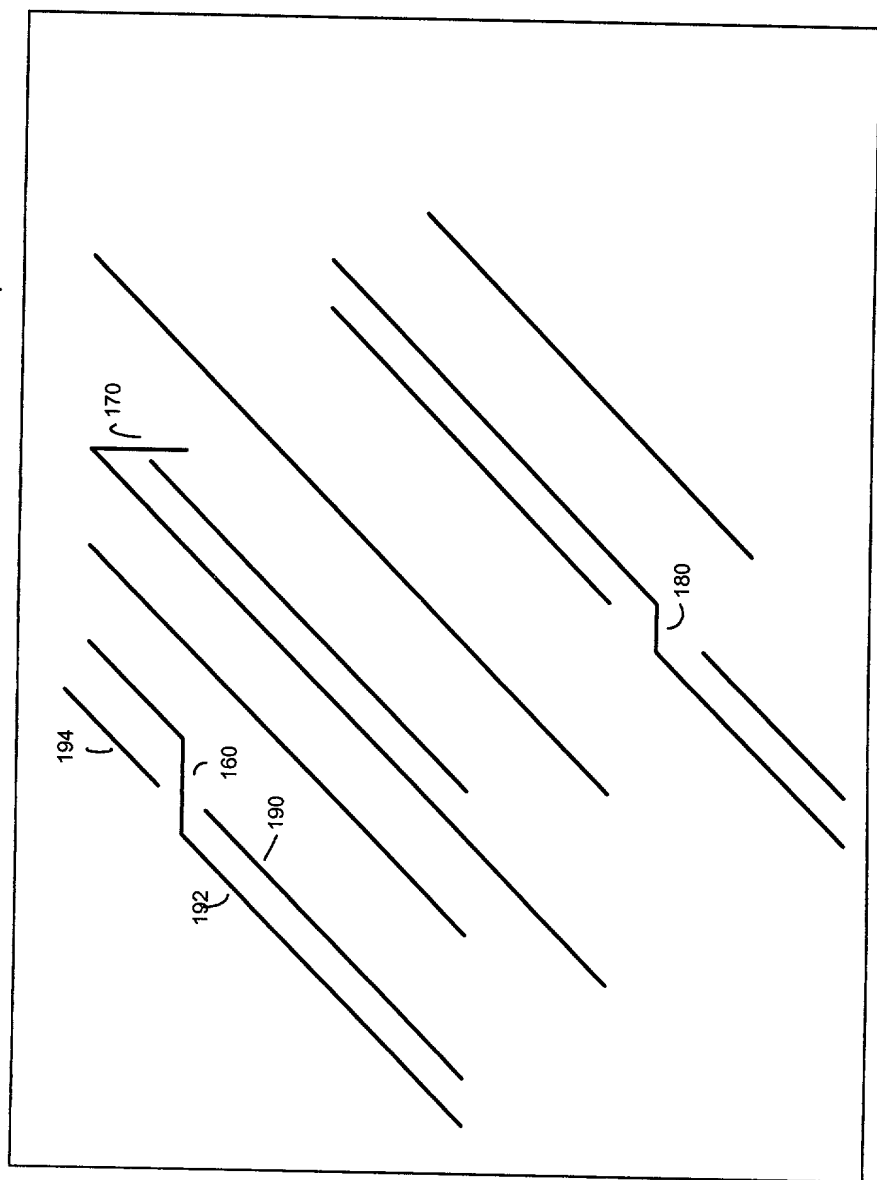
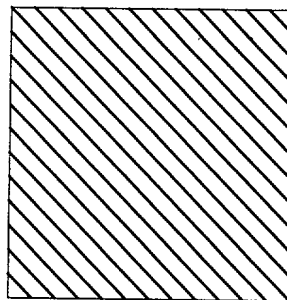


Figure 1b

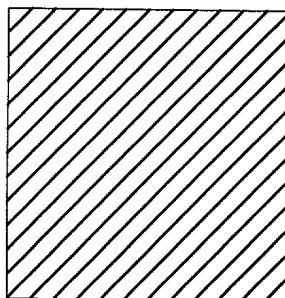


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Layer "n+1"

Octalinear (-45 Deg.)



Layer "n"

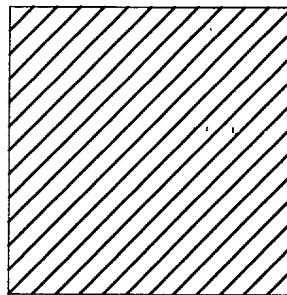
Octalinear (+45 Deg.)

Figure 2a

202700* E582H00T

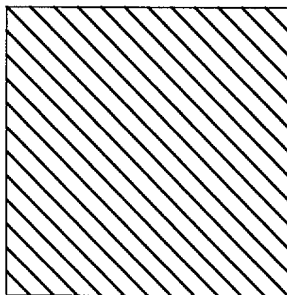


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Layer "n+1"

Octalinear (+45 Deg.)



Layer n

Octalinear (-45 Deg.)

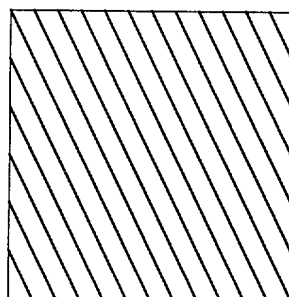
Figure 2b

202780* E32Eh07



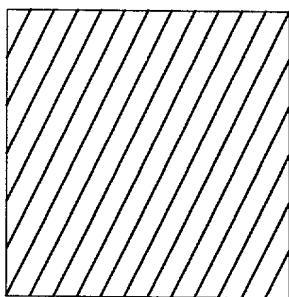
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2025-08-12 10:00:00



(-60 Degrees)

Layer "n+1"



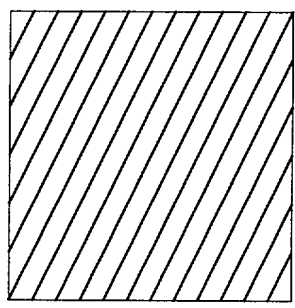
(+60 Degrees)

Layer "n"

Figure 3a

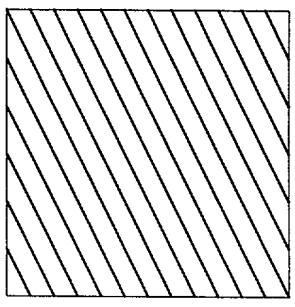


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Layer "n+1"

(+60 Degrees)



Layer "n"

(-60 Degrees)

Figure 3b

2027307 E3267007

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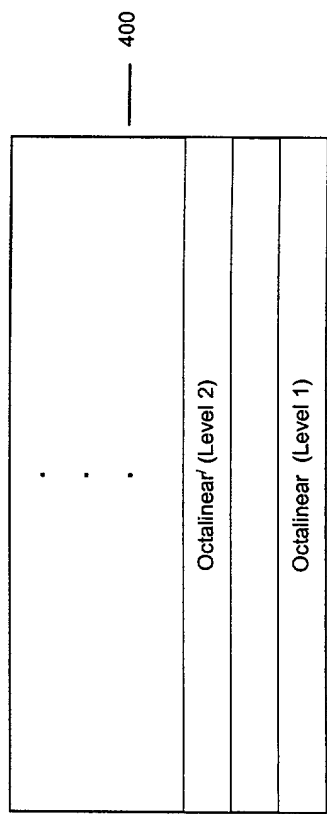
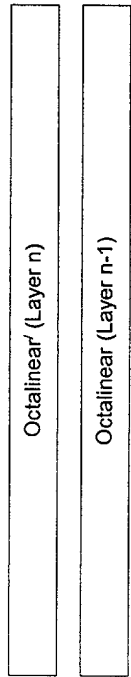
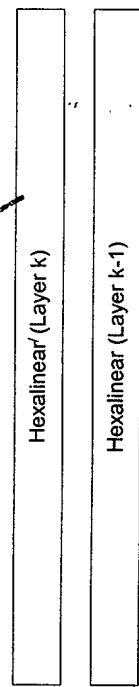
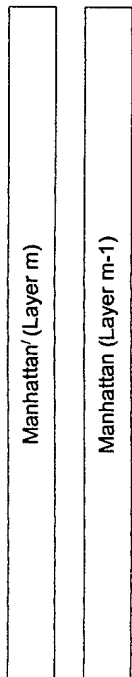


Figure 4a



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202480-23667007

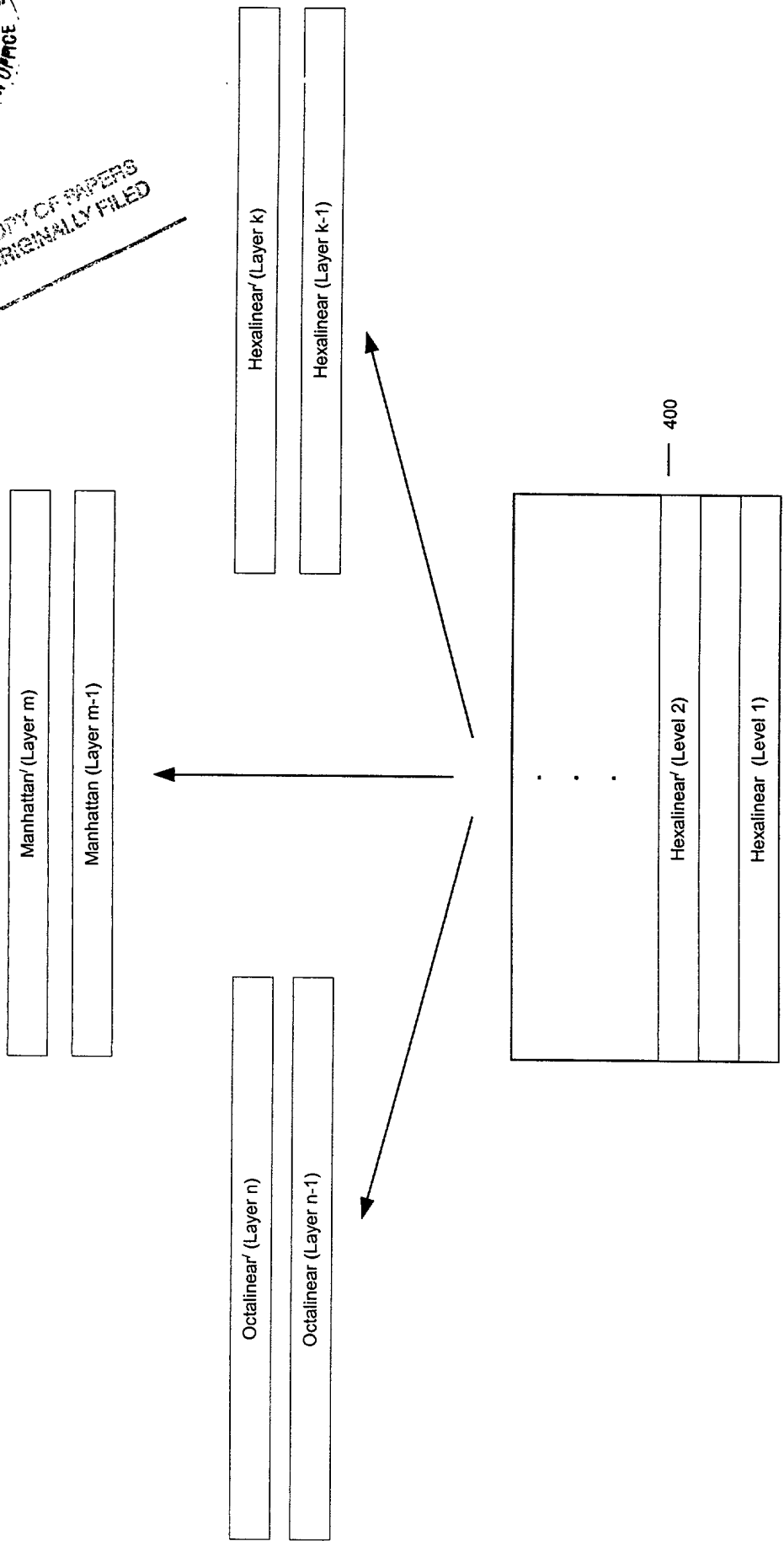


Figure 4b



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500	
	Octalinear' Layer 5
	Octalinear Layer 4
	Manhattan Layer 3
	Manhattan' Layer 2
	Manhattan Layer 1

Figure 5a



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202430-EECHOT

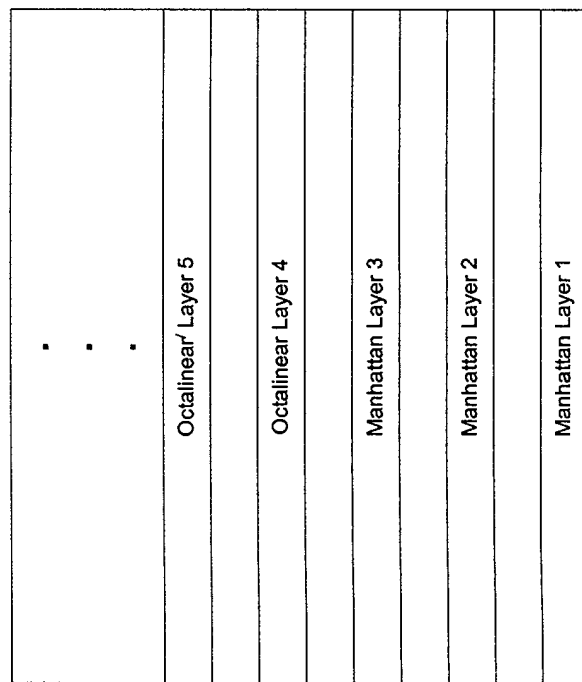
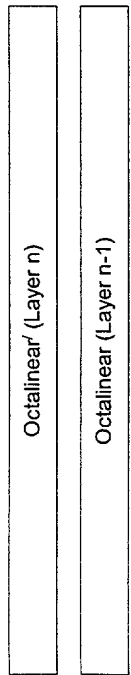
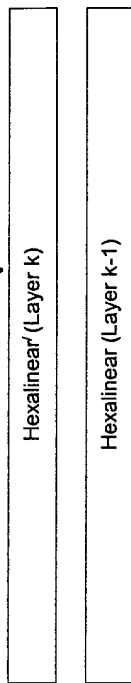
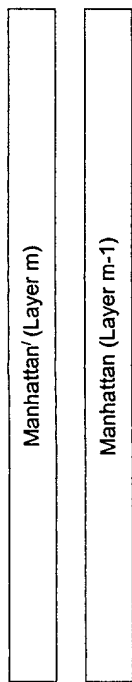
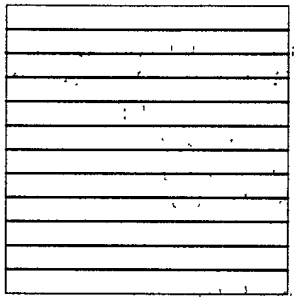


Figure 5b



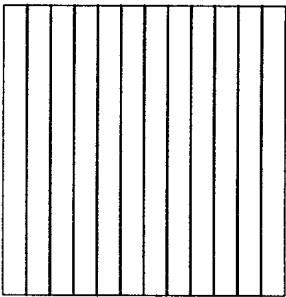
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2024-08-01 14:00:00



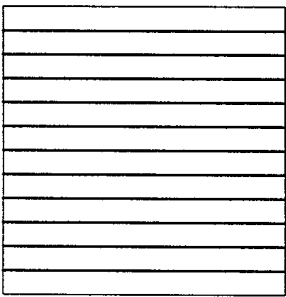
Layer 3

Horizontal



Layer 2

Vertical



Layer 1

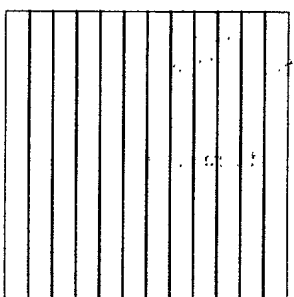
Horizontal

Figure 6a



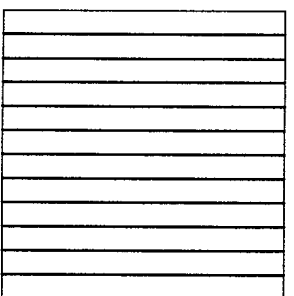
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20020812



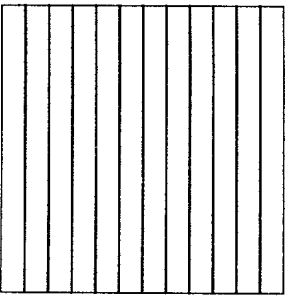
Layer 3

Vertical



Layer 2

Horizontal



Layer 1

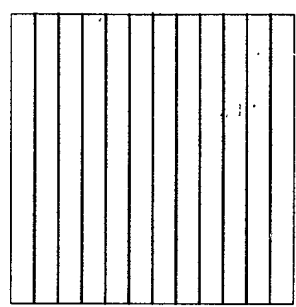
Vertical

Figure 6b



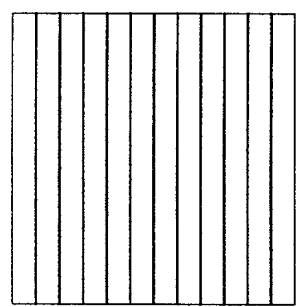
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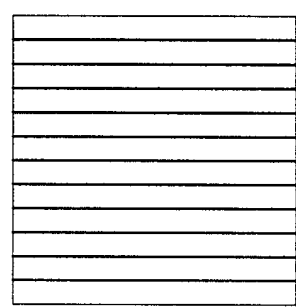
Layer 3

Vertical



Layer 2

Vertical



Layer 1

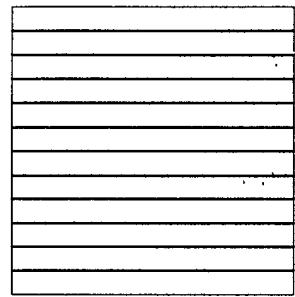
Horizontal

Figure 6c



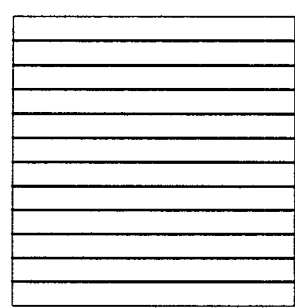
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202500-ESSCHOTT



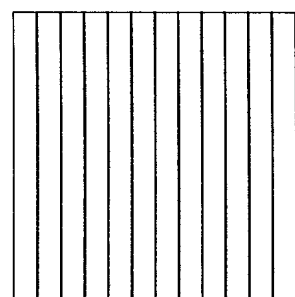
Layer 3

Horizontal



Layer 2

Horizontal



Layer 1

Vertical

Figure 6d



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202780*ELECTRONIC

Manhattan' (Layer m)
Manhattan (Layer m-1)

Hexalinear' (Layer k)
Hexalinear (Layer k-1)

Octalinear' (Layer n)
Octalinear (Layer n-1)

.
.
.
Hexalinear' Layer 5
Hexalinear Layer 4
Manhattan Layer 3
Manhattan Layer 2
Manhattan Layer 1

Figure 7

USPTO
AUG 12 2002
PATENT & TRADEMARK OFFICE

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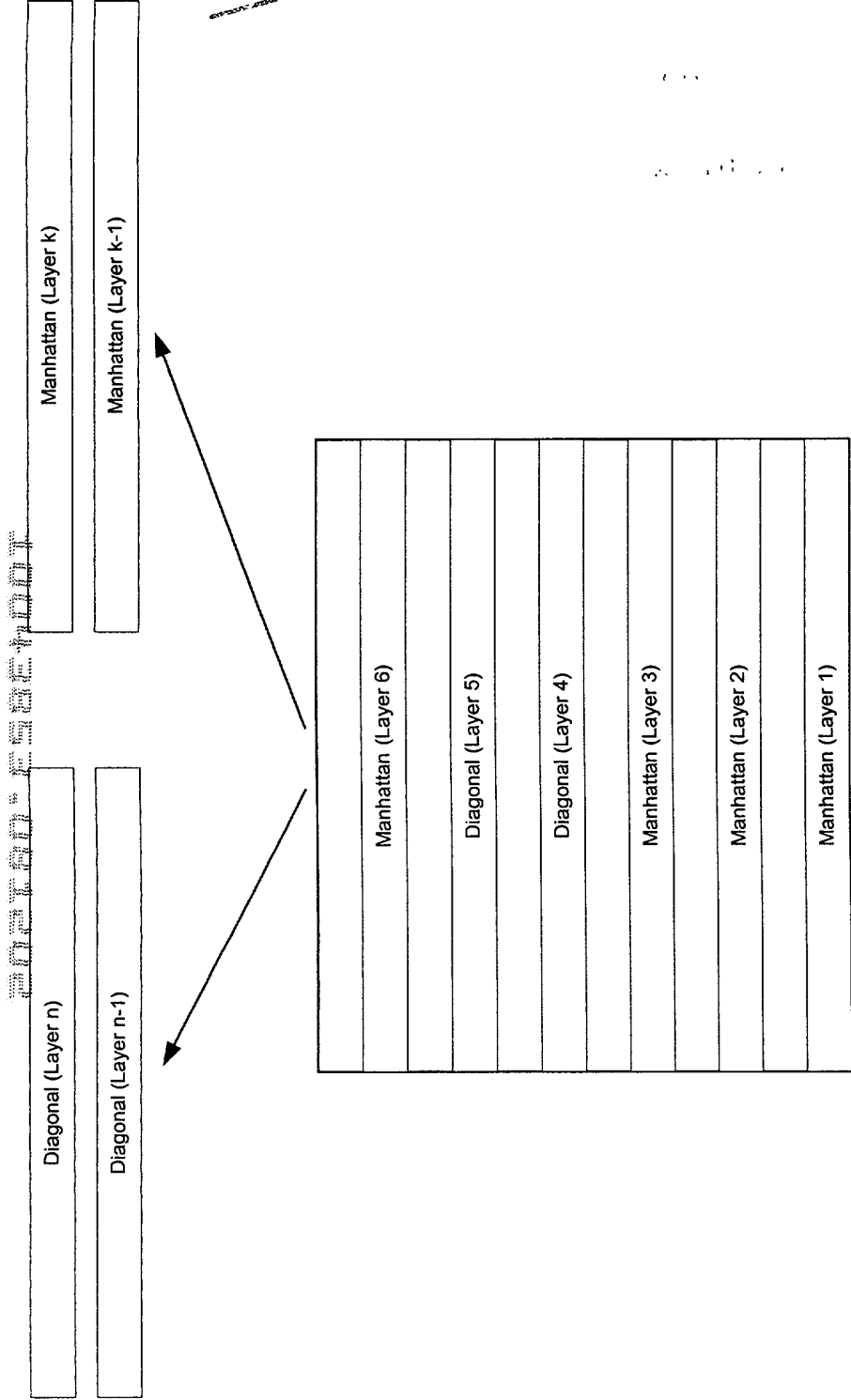


Figure 8



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2007-08-20 15:22:00

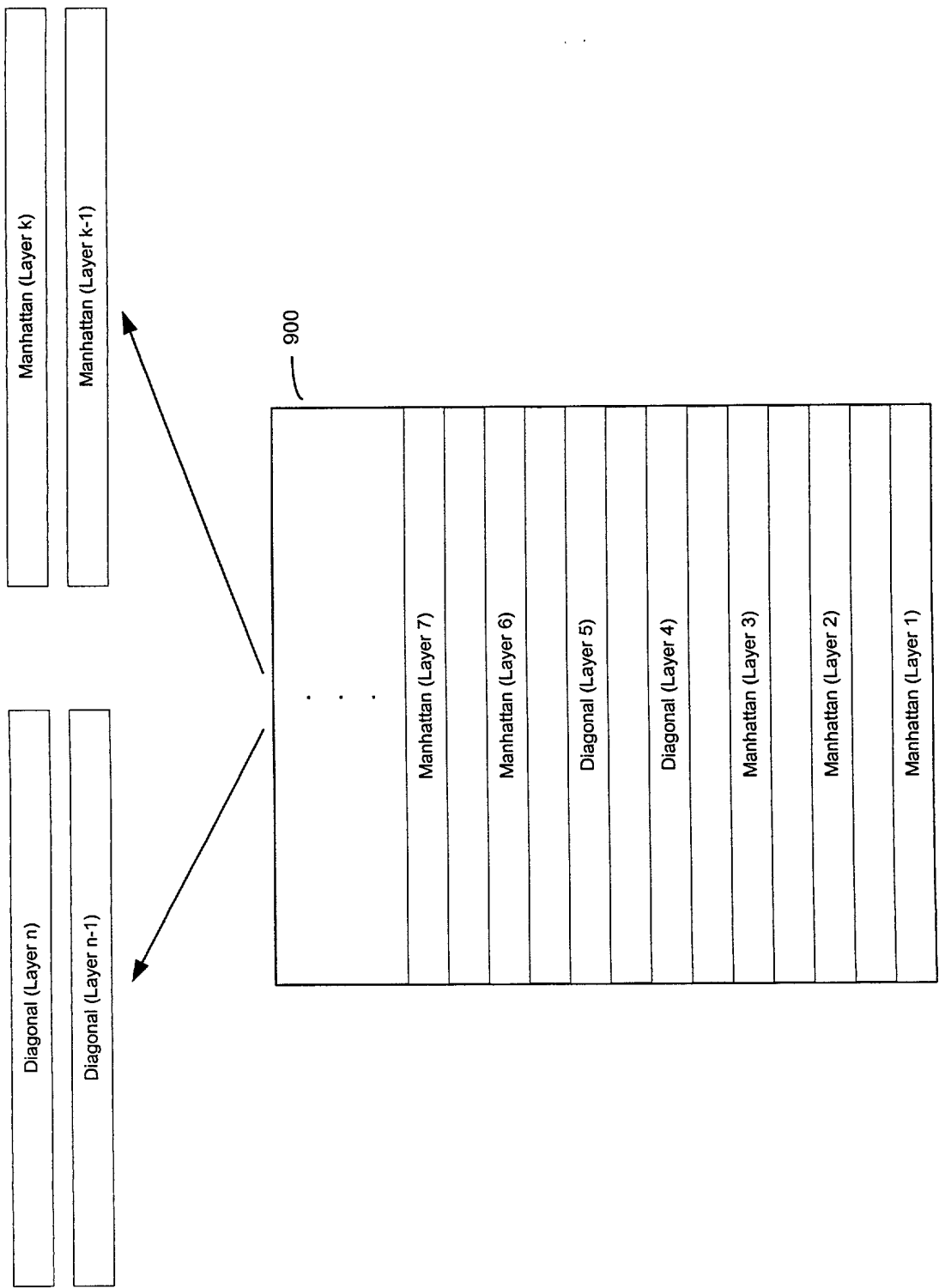


Figure 9

002480-00000001
AUG 12 2002
PATENT & TRADEMARK OFFICE

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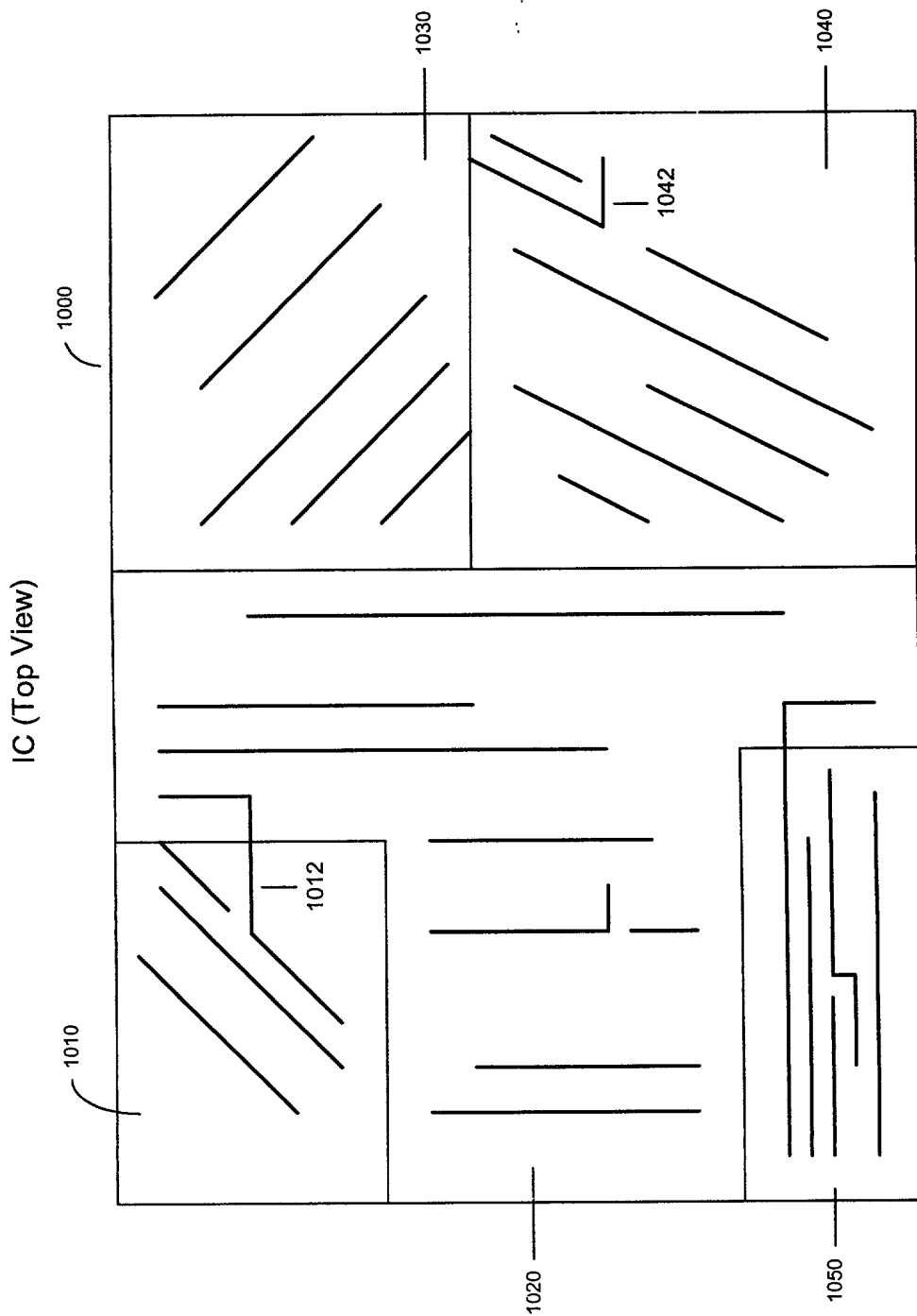


Figure 10



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IC (Top View)

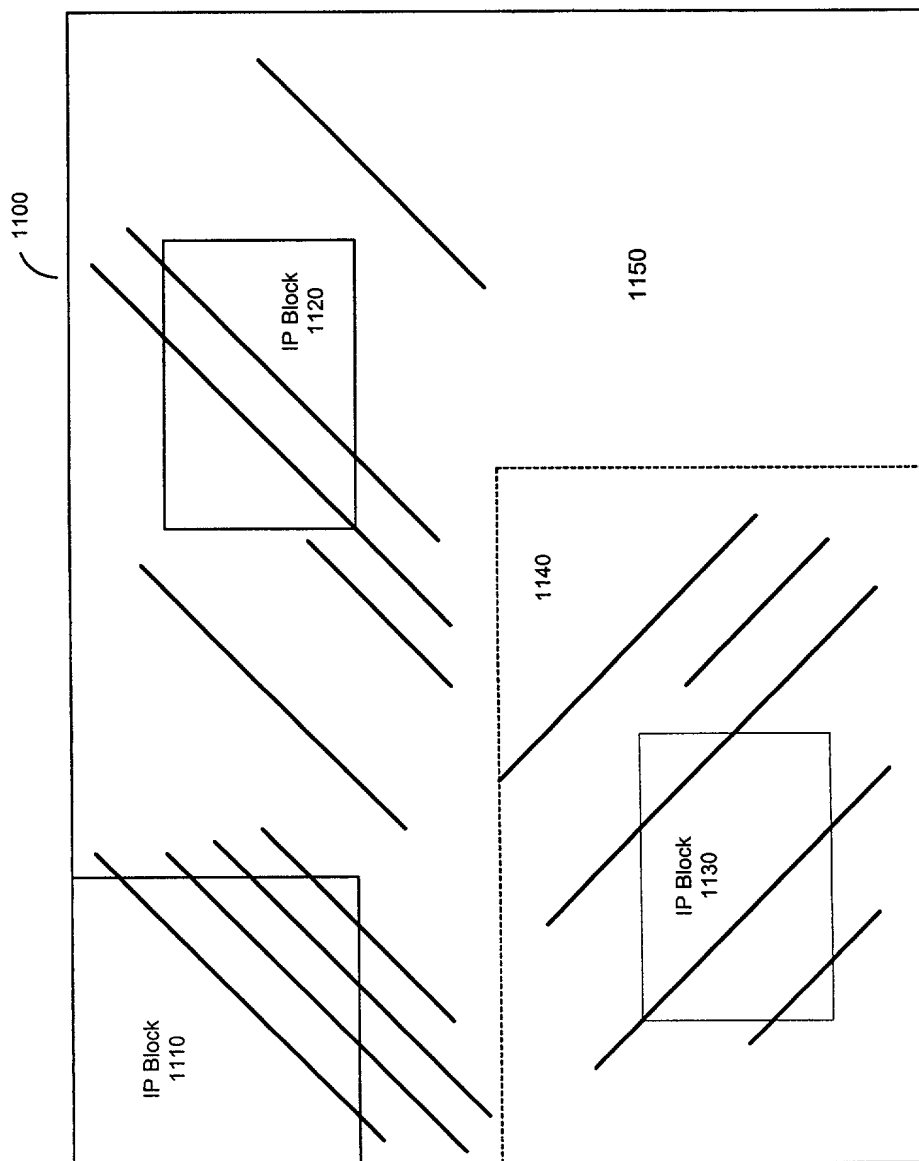


Figure 11



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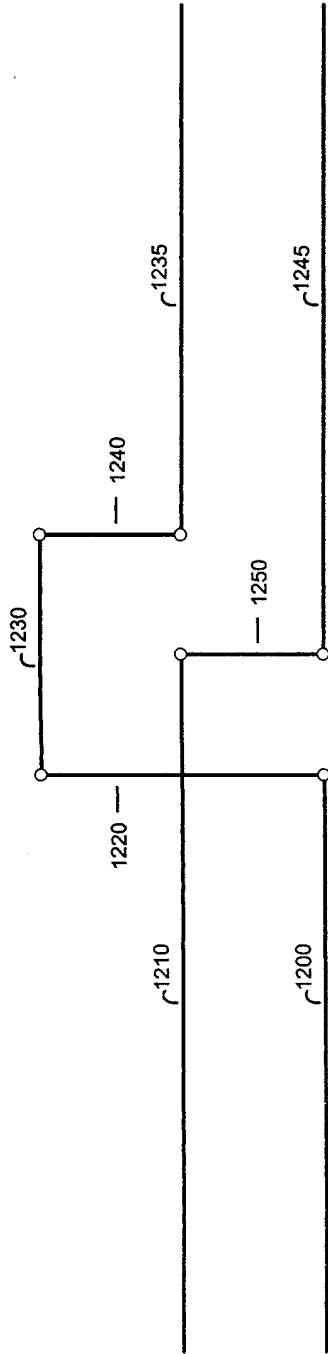


Figure 12a

Prior Art

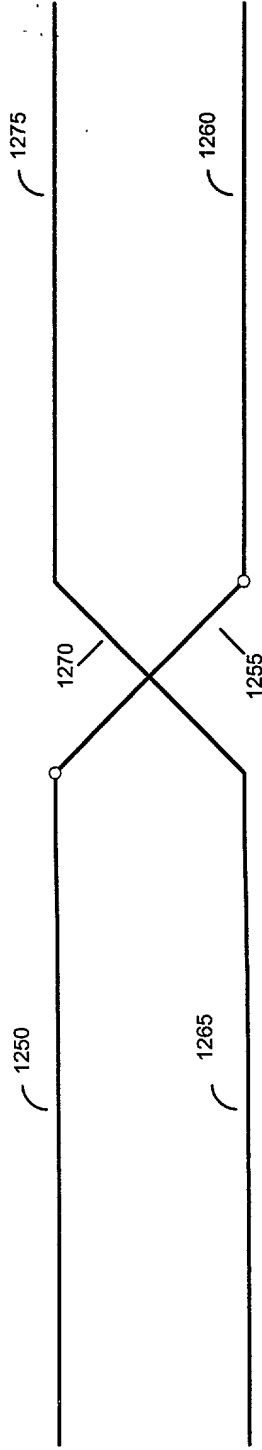


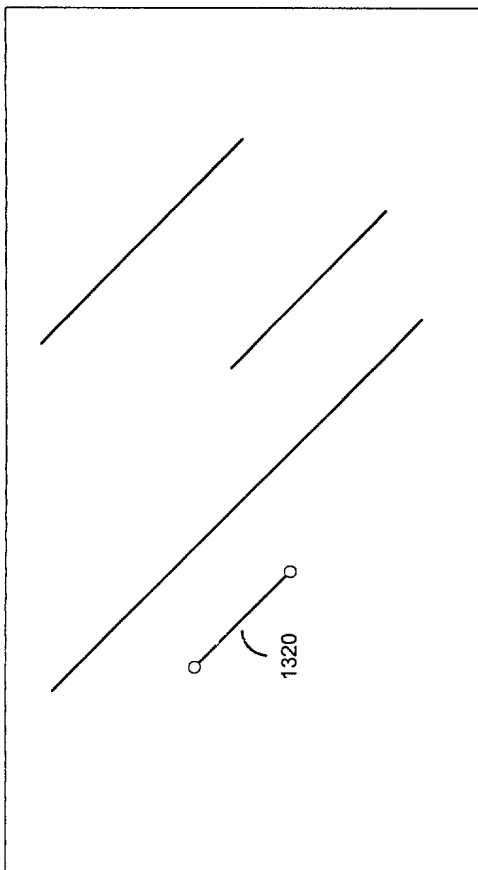
Figure 12b



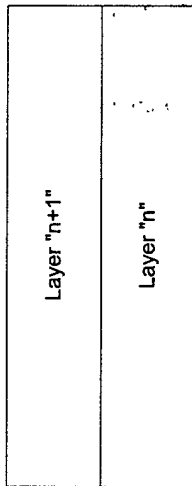
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20027300 "Electron"

Layer "n+1" (Top View)



Metal Layers Side View



Layer "n" (Top View)

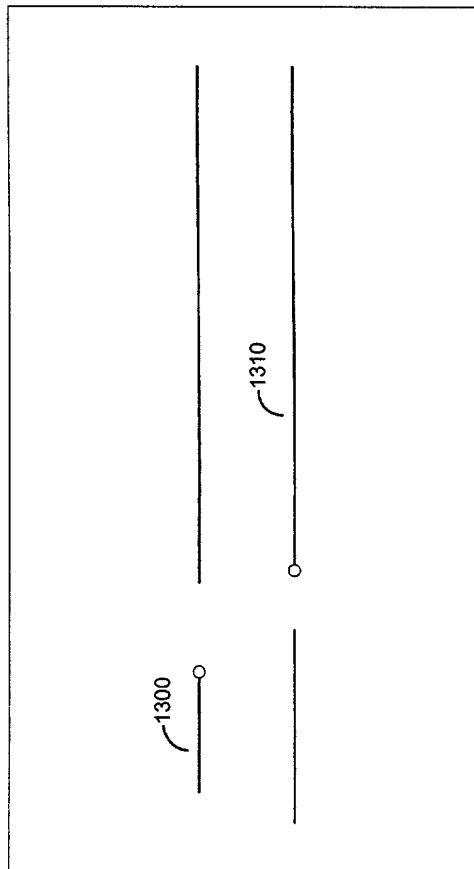


Figure 13

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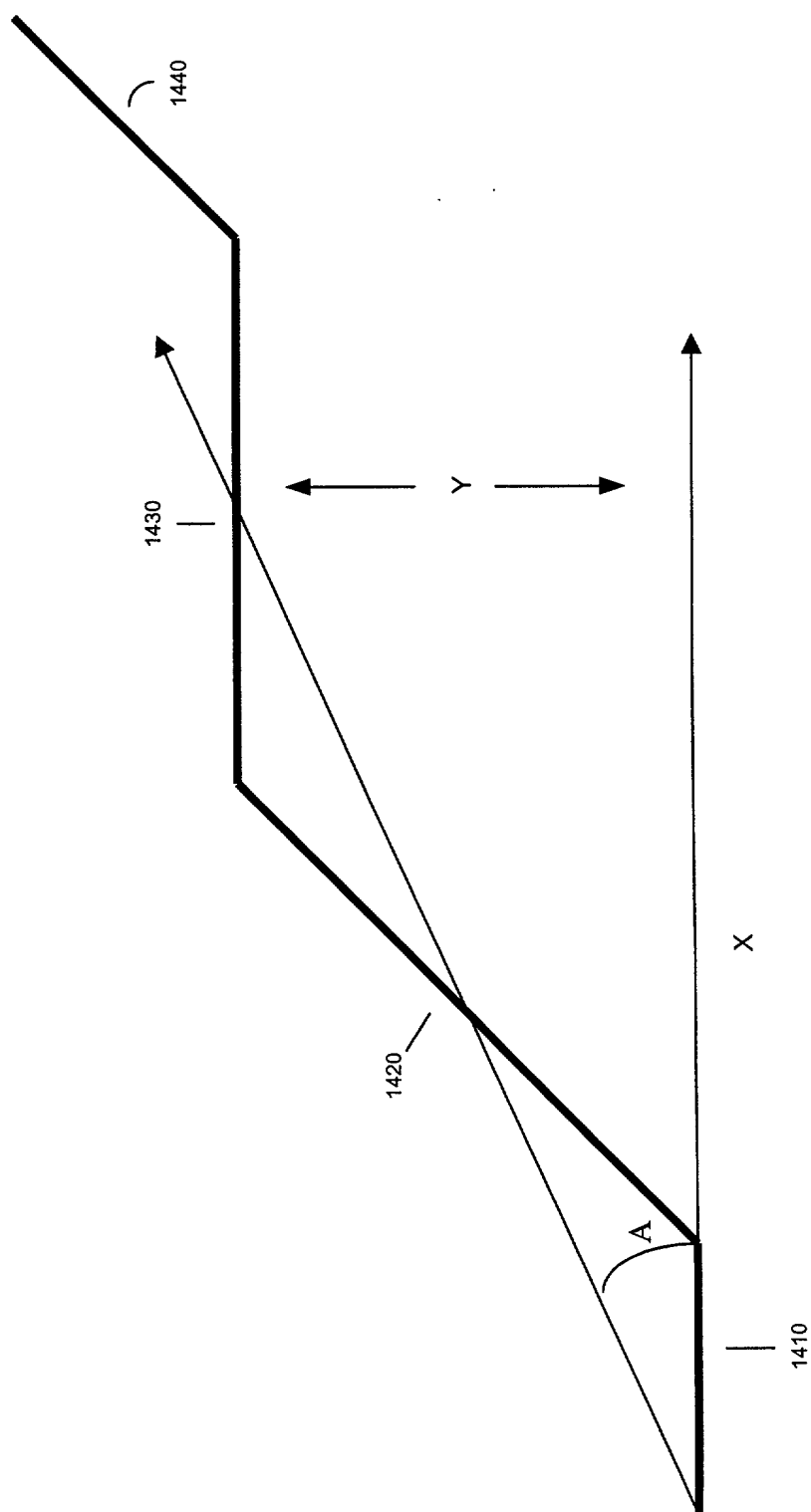


Figure 14

202480-2227001



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IC (Top View)

1500

1520

1510

Figure 15



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IC (Top View)

1600

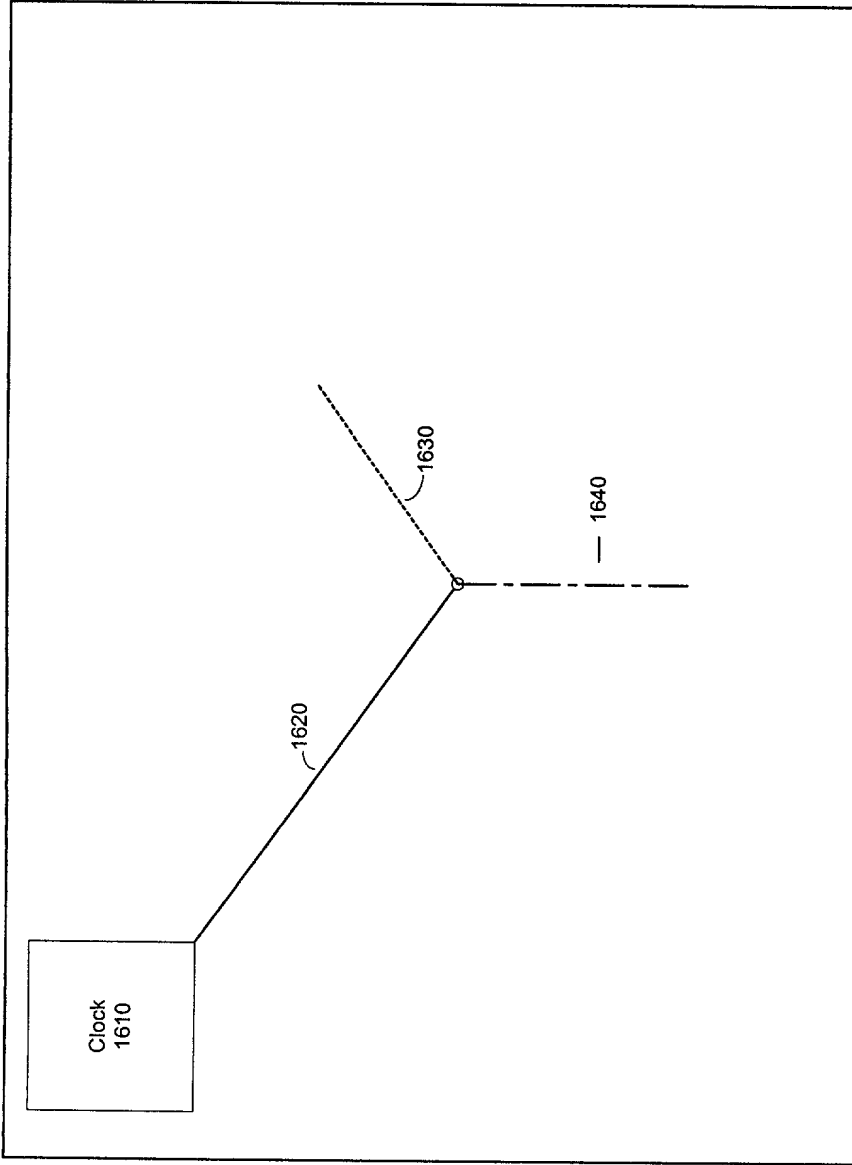


Figure 16